

(1.00 mm) .0394"

# SMT MICRO TERMINAL STRIPS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FTMH](http://www.samtec.com?FTMH) or [www.samtec.com?FTM](http://www.samtec.com?FTM)

**Insulator Material:**  
Black Liquid Crystal Polymer

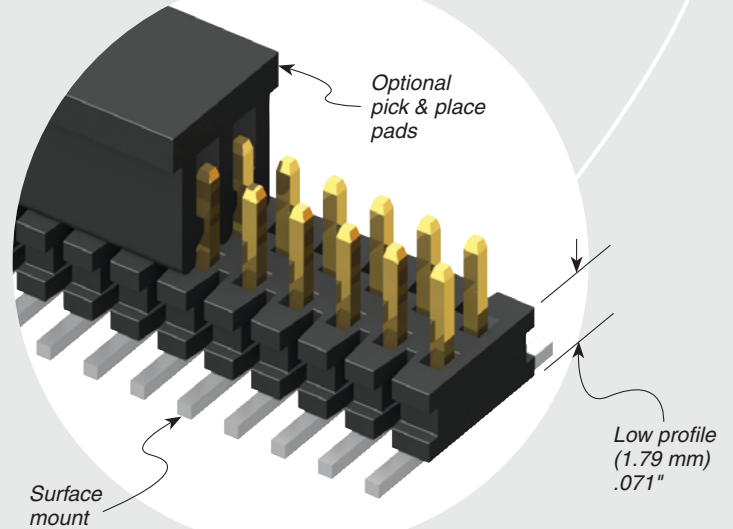
**Terminal Material:**  
Phosphor Bronze

**Current Rating (FTMH/CLM):**  
2.8 A per pin  
(2 pins powered)

**Operating Temp Range:**  
-55 °C to +125 °C

**Plating:**  
Sn or Au over  
50 μm (1.27 μm) Ni  
**RoHS Compliant:**  
Yes

Mates with:  
CLM, MLE



## PROCESSING

**Lead-Free Solderable:**  
Yes

-DV Lead Coplanarity:  
(0.10 mm) .004" max  
-DH Lead Coplanarity:  
(0.10 mm) .004" max (05-25)  
(0.15 mm) .006" max (26-50)\*  
\*(.004" stencil solution may be available; contact IPG@samtec.com)

## RECOGNITIONS

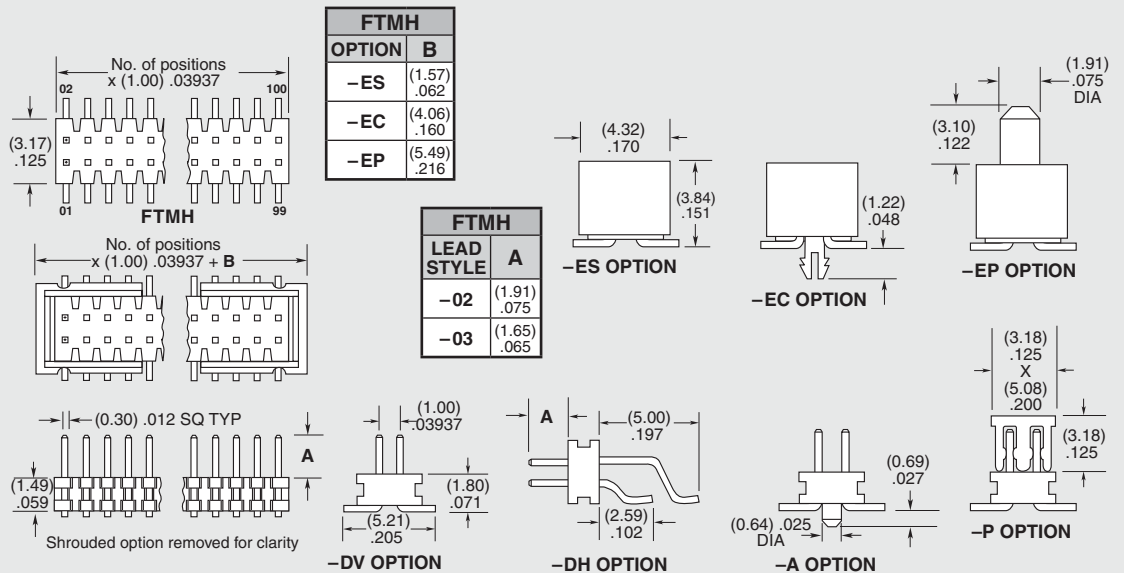
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



<b>TYPE STRIP</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>
<b>FTMH</b> = SMT Micro		<b>FTMH</b> = 05 thru 50	<b>-02</b> = (1.91 mm) .075" Post (Mates with MLE)	<b>-F</b> = Gold flash on post, Matte Tin on tail
<b>FTM</b> = Micro Low Profile		<b>FTM</b> = 02 thru 50 (unshrouded) = 05 thru 46 (shrouded)	<b>-03</b> = (1.65 mm) .065" Post (Mates with CLM)	<b>-L</b> = 10 μm (0.25 μm) Gold on post, Matte Tin on tail

## ALSO AVAILABLE (MOQ Required)

- End shrouds with board locks
- Molded end shrouds for 05 through 08 positions
- Other platings



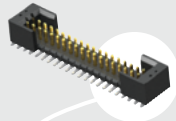
**Note:**  
Some sizes, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

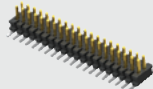
[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

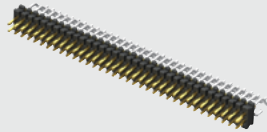
FTMH-122-02-F-DV-EC



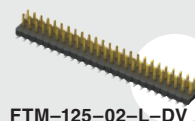
FTMH-120-02-L-DV



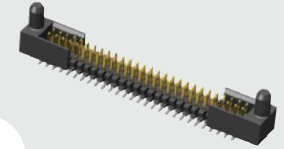
FTMH-135-02-F-DH



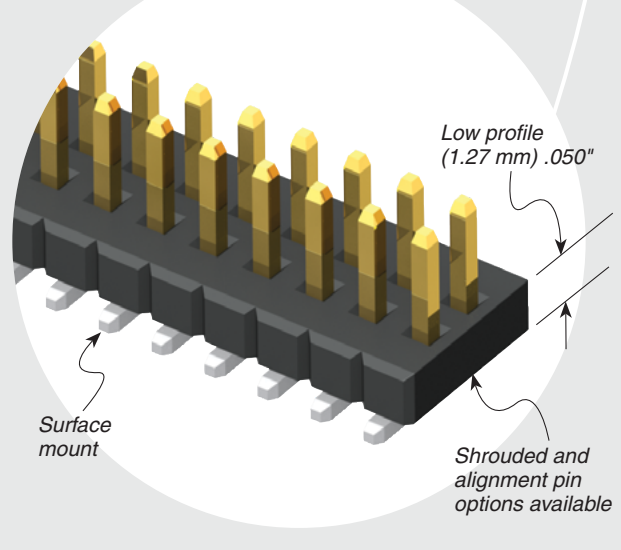
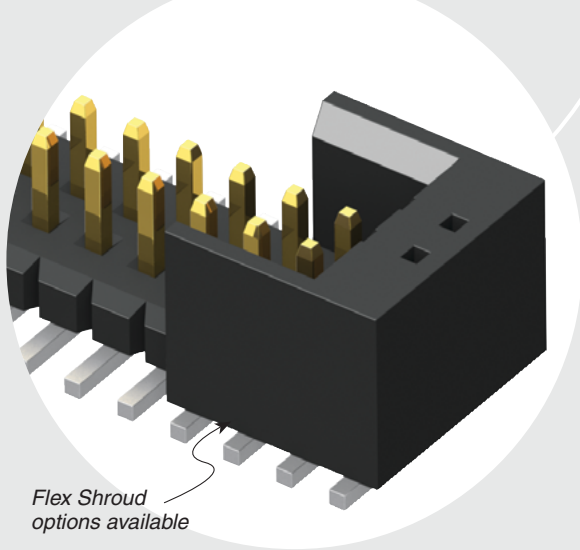
FTMH-125-02-L-DV



FTMH-128-03-L-DV-EP

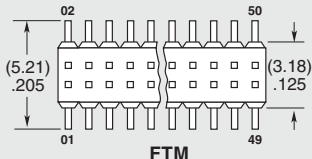


**FTMH, FTM SERIES**

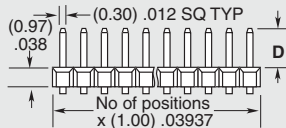
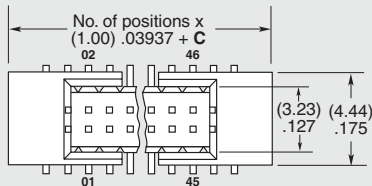


**ROW OPTION**

- DV = Dual Vertical
- DH = Dual Horizontal (FTMH only)



FTM



Shrouded options removed for clarity

**FLEX SHROUD OPTIONS**

(FTMH-DV only with 9 pins/row minimum)

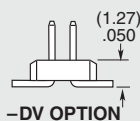
- ES = End Shroud
- EC = End Shroud with Locking Clip (Manual placement required)
- EP = End Shroud with Guide Post (Use only when mating with CLM)

(FTM only)

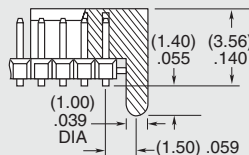
- S = End Shroud (05 positions minimum). Molded or press-fit shroud at Samtec's discretion (See assembly print at [www.samtec.com?FTM](http://www.samtec.com?FTM) for dimensions)
- SA = End Shroud with Alignment Pins (05 through 46 positions)

FTM	
OPTION	C
-S	(7.00) .276
-SA	(4.00) .157

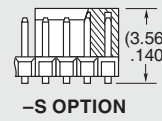
FTM	
LEAD STYLE	D
-02	(1.91) .075
-03	(1.65) .065



-DV OPTION



-SA OPTION



-S OPTION

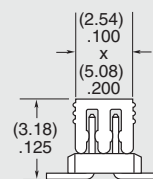
**OTHER OPTIONS**

-A = Alignment Pin (3 positions minimum) Metal or plastic at Samtec discretion (FTMH-DV only)

-K = (2.50 mm) .098" DIA Polyimide Film Pick & Place Pad (FTMH-DH only)

-P = Plastic Pick & Place Pad (-DV only) (6 positions minimum FTMH) (7 positions minimum FTM)

-TR = Tape & Reel



-P OPTION

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